

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
12 May 2005 (12.05.2005)

PCT

(10) International Publication Number
WO 2005/042014 A1

(51) International Patent Classification⁷: **A61K 39/12**,
A61P 37/04, C12N 7/04, 7/01

(21) International Application Number:
PCT/AU2004/001505

(22) International Filing Date: 29 October 2004 (29.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/515,267 29 October 2003 (29.10.2003) US

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: **WEST NILE VIRUS VACCINE**

(57) Abstract: A vaccine composition and method of administering same is provided that utilizes an isolated nucleic acid corresponding to substantially an entire Kunjin virus which upon administration to an animal is capable of eliciting a protective immune response to another, more pathogenic flavivirus such as West Nile virus NY 99 strain. The isolated nucleic acid may further encode at least one attenuating mutation in a Kunjin virus structural and/or non-structural protein. The isolated nucleic acid may be in the form of DNA linked to a promoter in a plasmid construct for expression *in vivo* or may be in the form of naked RNA or RNA packaged into VLPs. The composition and method may provide protective immunization of animals such as humans, equines and avians.

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